

**Abstract**

The present invention relates to a barrier coating composition comprising a liquid crystalline polymer, which is characterized in that the liquid  
5 crystalline polymer is formed in that a polymerizable liquid crystalline mixture comprising one or more polymerizable mesogenic compounds is first applied onto a substrate and polymerized afterwards, a method of its preparation, its use as well as to devices, preferably displays, food and medical packagings each having at least one barrier coating layer  
10 comprising a barrier coating composition of the present invention.

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